

**The Washington Council of County  
Surveyors Presents**



# **SURVEY CAMP 2005**

**January 18 - 21, 2005**

**Ellensburg Washington**

Support and Sponsorship Provided by:

**The County Road Administration Board**

Geoline Positioning Systems  
Kuker- Ranken, Inc.  
PPI Group

Washington Council of County Surveyors  
Mike Wade, Secretary/Treasurer  
C/o Pierce County Public Works Dept.  
2401 South 35th Street, Room 150  
Tacoma, WA 98409-7485

**CAMP OBJECTIVES**

Survey Camp is intended to provide city and county public works employees with perspective, knowledge and tools related to the public practice of land surveying.

For thirteen years, Camp has brought public works employees together with land surveying professionals and experts in various fields to share what they know and lead discussions about how to apply this knowledge in the attendee's everyday work environment.

Survey Camp 2005 is intended to benefit all land surveying personnel, from field crewpersons and party chiefs to office survey technicians and managers.

**CAMP SCHEDULE**

WCCS is proud to have an exceptional group of instructors for the 2005 Survey Camp. The Camp schedule is as follows:

**Tuesday, January 18, 2005**

**8:00 A.M. - 9:00 A.M.      Camp Registration**

**9:00 A.M. - 9:15 A.M.      Introductions**

**9:15 A.M. - 12:00 A.M.    Digital Topo Methods  
Jim McLefresh**

Insight into the field methods and theory necessary to produce concise digital topos for engineering design.

**1:00 P.M.-5:00 P.M.      Precision Leveling Methods  
Kenneth Yamashita**

Field methods and equipment necessary for the production of First Order, Class II leveling runs.

**Wednesday, January 19, 2005**

**8:00 A.M. - 12:00 A.M.    Basic Aquatic Boundary  
Steve Ivey, PLS**

Basic review of navigability for title purposes, the GLO meander line as a boundary, riparian rights, the Public Trust Doctrine, the line of ordinary high water, more.

**1:00 P.M. - 5:00 P.M.      Surveying Math  
James A. Coan, PLS**

A basic look at the land surveying mathematics necessary for field and office computations. Please bring a calculator for this class.

**Thursday, January 20, 2005**

**8:00 A.M. - 5:00 P.M.      Public Right-of-way Law  
Jerry Broadus, PLS, Esq.**

WCCS is very proud to present this class during Survey Camp 2005. Mr. Broadus will be presenting a compilation of Washington law regarding public rights-of-way especially geared for public works employees.

**Friday, January 21, 2005**

**8:00 A.M. - 12:00 A.M.    Legal Description Prep  
Donald Day, PLS**

Basic instruction on the components of legal descriptions, importance of word definitions and hands-on preparation of example descriptions.

**12:00 A.M. - 1:00 P.M.      Lunch, comments, prizes**

**1:00 P.M. - 3:00 P.M.      WCCS Annual Meeting**

**SPECIAL GUESTS**

**Jim McLefresh, Spokane County**

Jim McLefresh worked in R&D at White Sands Missile Range on F-15, F-16, & F-117 aircraft (now Retired from the USAF). Jim holds AA, AS, BS, & MS degrees and is State certified in Professional Training and Development.

Jim has taught AutoCAD at Eastern Washington University, served as an Assistant Instructor for high school "Intro to Physics" at ESD101 Satellite School and has worked with Spokane Community College CET Program as a community advisor.

Jim helped develop the Spokane County GPS Program and provides LDD field support and training for Spokane County Survey crews. He is responsible for preparation of all ROS and Right-of-Way drawings for Spokane County and assembles all Spokane County survey fieldwork into "Design Ready" drawings.

**Kenneth Yamashita**

Kenneth Yamashita worked 28 years as a Field Chief of Party for the U.S. Geological Survey, performing field surveys and project management for monitoring

deformation of active and potentially active volcanoes in Hawaii and the Western US, utilizing First Order, Class II leveling, triangulation, and GPS surveying methods. Mr. Yamashita retired from the U.S.G.S. in 1997.

While on leave at various times during his tenure, Kenneth established precise level lines on the Island of Monsserat in the Caribbean for the Smithsonian Institute, gave training to the Clark County, Washington Survey Department regarding First Order leveling, and taught a precise leveling class at the University of Hawaii for 6 years.

This past February, Kenneth presented an outstanding class in First Order, Class II leveling at the LSAW State Conference.

James A. Coan, Sr., PLS

Jim has sixteen years of full-time industry experience on the U.S. East Coast, Canada, and the Pacific Northwest and has been teaching at Renton Technical College since 1984. He has also continued a part-time professional practice while working at RTC.

Jim is licensed as a Land Surveyor in Washington and Oregon and he is an active member of the Land Surveyors Association of Washington, having served as President for the South Puget Sound Chapter.

Jim's other professional activities include serving on the Department of Natural Resources Advisory Board for Surveying, serving as an Architects and Engineers Legislative Council Representative and a Trig Star Representative for LSAW.

Jim has written articles for professional publications and has taught numerous classes at conventions and workshops throughout the Northwest.

Steve Ivey, PLS

Steve Ivey is an Aquatic Land Surveyor for the Washington Department of Natural Resources and has been the Department's aquatic land ownership specialist for more than 5 years. He provides support to the Department in resolving aquatic land ownership disputes, performs navigability assessments for rivers and lakes, and the preparation of supplemental maps for harbor areas in Washington.

Steve has more than 25 years of experience in the land surveying profession with many years employed in the private sector at various locations in Wyoming, Montana, and Washington. He has an Associate Degree in Civil Engineering - Surveying and Construction Option from Southern Polytechnic University in Marietta, GA.

Steve has been a licensed surveyor since 1989 and he is licensed in three states.

Jerry Broadus, PLS, Esq.

Jerry is a licensed surveyor in Washington and Idaho, and has had his own practice since 1989. Jerry is also an attorney licensed to practice in Washington. He has a BA degree from the University of Texas and graduated first in his law school class at the University of Puget Sound School of Law.

His company, Geometrix Surveying, Inc., provides expert consulting for attorneys working on difficult boundary dispute and liability cases. To this end Geometrix has prepared material for surveyor negligence cases across the country, provided surveys of forest, urban, waterfront, harbor, and airport boundaries in Washington, and has prepared unique materials including a report to Congress for the settlement of a Federal boundary dispute.

Jerry has taught advanced surveying classes for the Federal Bureau of Land Management, and has given legal seminars for surveyors across the country. He has written boundary law articles for the Washington State Bar Association, the American Bar Association, Professional Education Systems, Inc., and P.O.B. Magazine. He is actively involved in his professional society in Washington.

Donald Day, PLS

Donald Day is the Public Works Surveyor for Cowlitz County, Washington where he has worked to establish County rights-of-way, supervise road construction surveying and prepare surveys of County property boundaries since 1997.

Donald began work in the land surveying profession in 1973 and was owner of the firm *Azimuth Boundary Specialists* from 1987 through 1997. Also during that time, he served as a consultant to the Southwest Regional Legal Department of Chicago Title Insurance Company. He is licensed in the states of Washington, California and Texas.

Donald has taught continuing education classes in surveying at the junior college level, served as Education Committee Chairman for the CLSA Channel Islands Chapter and organized that chapter's LS Exam Review seminar series. He is currently 2004 President of the Washington Council of County Surveyors and a member of the Land Surveyors Association of Washington.

THE CAMP SITE

The 2005 campsite will again be located at the Ellensburg Inn, 1700 Canyon Road, Ellensburg WA. The hotel is one block north of Interstate 90 (from Exit 109) on the east side of Canyon Road. There is no fee for parking at the hotel.

ACCOMODATIONS

**Rooms for Tuesday, Wednesday and Thursday nights are included with the purchase of a full Camp registration.** If you purchase a full registration and wish to have a room reserved for Monday night before the Camp, please note such on the registration form and add the Monday single day room rate to the full registration price (i.e. total of \$460.34)

**Guests are welcome at Survey Camp. The full registration is good for one or two room occupants.**

**One-day registrations are welcome.** The registration fee for each day is listed on the registration form. If you wish to add a room, the room rate for each day must be added to the single day registration fee (rooms NOT included in the single day registration).

MEALS

All meals are included with a full registration purchase and include Tuesday continental breakfast, lunch and dinner, all three meals on Wednesday and Thursday, and breakfast and lunch on Friday. No credit for unused meals will be given. *Single day registrations include lunch only.* If you have special dietary needs, please note such needs with your registration form or call the information number below.

CONTACTS

Registration forms:

**FAX:** Form & P.O c/o Mike Wade      **253-798-3271**

**Mail :** **Mike Wade, WCCS Sec./Treas.**  
C/o Pierce County Public Works  
2401 South 35th Street, Room 150  
Tacoma, WA 98409-7485

Questions and Information:

**CALL:** **Donald Day**      **360-577-3021**

**WCCS** Federal Tax I.D.# **91-1558942**

CAMP REGISTRATION FORM

**Please complete one form for each attendee:**  
(Registrations can be grouped together with a single payment by Purchase Order or Check)

NAME: \_\_\_\_\_

COUNTY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_FAX: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Full registration includes accommodations for one or two persons Tuesday, Wednesday and Thursday nights.

Check all that apply: Amount

\_\_\_\_\_ **Full Camp Registration (\$400.00)** \_\_\_\_\_

\_\_\_\_\_ Tuesday 18th only      (\$135.00) \_\_\_\_\_

\_\_\_\_\_ Wednesday 19th only      (\$135.00) \_\_\_\_\_

\_\_\_\_\_ Thursday 20th only      (\$150.00) \_\_\_\_\_

\_\_\_\_\_ Friday 21st only      (\$ 75.00) \_\_\_\_\_

**Daily Room rates accommodate one or two persons.**

\_\_\_\_\_ Room Monday 17th      (\$60.34) \_\_\_\_\_

\_\_\_\_\_ Room Tuesday 18th      (\$60.34) \_\_\_\_\_

\_\_\_\_\_ Room Wednesday 19th      (\$60.34) \_\_\_\_\_

\_\_\_\_\_ Room Thursday 20th      (\$60.34) \_\_\_\_\_

TOTAL AMOUNT ENCLOSED \_\_\_\_\_

**Purchase Order #** \_\_\_\_\_ **Check #** \_\_\_\_\_

**Fax registration forms and purchase order to Mike Wade at number listed at left or mail registration package to the address listed at left.**

For questions regarding room registration or other info call Donald Day at 360-577-3021.

**Registration Deadline: January 12, 2005**